

REMARKS

Claims 32-56 remain in the application and claims 32, 35, 38, 41, 44, 48, 51, 53, and 56 have been amended hereby.

It is respectfully submitted that the last two applications in the continuity chain of the present application are indeed 08/329,546 and 08/026,415. The continuity data has been amended to list the patent numbers for the applications that have matured into patents.

A substitute specification under 37 CFR 1.125(a) is submitted herewith as Exhibit A.

Reconsideration is respectfully requested of the rejection of claims 32-56 under 35 USC 103(a), as being unpatentable over Wash '096 in view of European Patent Application 0 428 072 A2 ('072 reference).

It is respectfully submitted that the combination of Wash '096 in view of the '072 reference fails to show or suggest transforming the picture data into one of bit-map type data, GIF type data, TIFF type data, and JPEG type data, as described in page 42 of the present application and recited in amended independent claims 32, 38, 44, 48, and 53.

Wash '096 is a system for information exchange between various users of the film and is silent about transforming the picture data into one of bit-type data, GIF type data, TIFF type data, and JPEG type data and, because there are no

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features in the '072 reference that somehow could be combined with Wash '096 and result in the presently claimed invention, it is respectfully submitted that amended independent claims 32, 38, 44, 48, and 53, and the claims depending therefrom, are patentably distinct over Wash '096 in view of the '072 reference.

Favorable reconsideration is earnestly solicited.

Respectfully submitted,

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IN THE CLAIMS

Please amend claims 32, 35, 38, 41, 44, 48, 51, 53 and 56 by rewriting same to read as follows.

--32. (Amended) A photographic image apparatus comprising:

a film feed device for feeding a photographic film;

a detector for detecting a hole on a marginal area along an edge of the photographic film;

[a controller for controlling the film feed device according to the detected hole; and]

an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on [a] the marginal area along the edge of the photographic film into information data to display on a monitor; and

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a

size or aspect ratio of prints, a number of prints, and a size of paper selected by user.

--35.(Amended) The photographic image apparatus according to claim 33, wherein the [controller] micro-computer controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

--38.(Amended) A photographic printing system for outputting picture data into a printer device, the system comprising:

a film feed device for feeding a photographic film

a detector for detecting a hole on a marginal area along an edge of the photographic film;

[a controller for controlling the film feed device according to the detected hole;]

an image transforming device for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on [a] the marginal area along the edge of the photographic film into information data to display on a monitor;[and]

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole,

wherein the processing circuit transforms the picture data into one of a bit-map, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records on the marginal area of the photographic film a size or aspect ratio of prints, a number of prints and a size of paper selected by a user; and

an output circuit for outputting the picture data into the printer device.

--41. (Amended) The photographic image system according to claim 38, wherein the [controller] micro-computer controls a selection of image transforming areas to change or select an aspect ratio of the picture data according to the information data.

--44. (Amended) A method for transforming an image of a subject on a frame of a photographic film, the method comprising the steps of:

feeding a photographic film

detecting a hole on a marginal area along an edge of the photographic film;

[controlling the film feed device according to the detected hole; and]

transforming the image of the subject on the frame of the photographic film into picture data; [and]

transforming optical information on [a] the marginal area along the edge of the photographic film into information data;

transforming the picture data into one of a bit-map, GIF type data, TIFF type data, and JPEG type data to output into a printer; and

recording on the marginal area along the edge of the photographic film a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user.

--48. (Amended) A photographic image apparatus comprising:

a cartridge housing for accommodating a film cartridge;

a film housing for accommodating a photographic film from the film cartridge;

a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

a detector located between the film cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

[a controller for controlling the film feed device in accordance with the detected hole; and]

an image transforming device located between the cartridge housing and the film housing for transforming an

image of a subject on a frame of the photographic film into picture data and for [and] transforming optical information on [a] the marginal area along the edge of the photographic film into information data to display on a monitor; and

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user.

--51. (Amended) The photographic image apparatus according to claim 48, wherein the [controller] micro-computer controls the film feed device to automatically set a position of the image on the frame of the photographic film against the image transforming device.

--53. (Amended) A photographic printing system for outputting picture data into a printer device, the system comprising:

a cartridge housing for accommodating a film cartridge;
a film housing for accommodating a photographic film from the film cartridge;

a film feed device for feeding the photographic film between the film housing and the film cartridge in the cartridge housing;

a detector located between the cartridge housing and the film housing for detecting a hole on a marginal area along an edge of the photographic film;

[a controller for controlling the film feed device in accordance with the detected hole;]

an image transforming device located between the cartridge housing and the film housing for transforming an image of a subject on a frame of the photographic film into picture data and for transforming optical information on [a] the marginal area along the edge of the photographic film into information data to display on a monitor; [and]

a micro-computer for controlling the image transforming device, the film feed device, a processing circuit, and a magnetic recording device according to the detected hole, wherein the processing circuit transforms the picture data into one of bit-map data, GIF type data, TIFF type data, and JPEG type data, and the magnetic recording device records a size or aspect ratio of prints, a number of prints, and a size of paper selected by a user; and

an output circuit for outputting the picture data into the printer device.

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--56. (Amended) The photographic image apparatus according to claim 55, wherein the [controller] micro-computer controls the film feed device to automatically set a position of the image on the frame of the photographic film against the image transforming device.--